ABSTRACT OF THE DISCLOSURE

A device sharing method is disclosed for sharing devices in a multiprocessor system having a plurality of CPU cells that are each provided with at least one CPU, the CPU cells being divided into a plurality of groups and each group operating under a different operating system. Device cells that include devices that are connected to CPU cells by way of a network are provided with device control information for controlling processing of a plurality of types that can be executed by the devices. When a command is received from a CPU cell in a device cell, the device control information that corresponds to the originator of the command is searched, and a device is caused to execute processing that is designated by device control information that is updated by the command.